

**ABSTRACT OF THE DISCLOSURE:**

[0151] In shift control apparatus and method for a hybrid transmission suitable for use in a hybrid vehicle, at least one of a target drive torque and a target input revolution acceleration to be a value within a realizable region to be set as a drive torque command value or an input revolution command acceleration is corrected in such a manner that polarities of the target drive torque and the target input revolution acceleration are left unchanged, in a case where a combination of the target drive torque with the target input revolution acceleration falls out of a realizable region on two-dimensional coordinates of the drive torque and the input revolution acceleration, the drive torque command value and the input revolution acceleration command value contributing to controls of the main power source and the motor/generators in place of the target drive torque and the target input revolution acceleration.

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